

AMENDMENT TO THE CLAIMS

*Please enter the following amended claims:*

Claims 1-19. (Canceled).

Claim 20. (Currently Amended) An isolated polynucleotide ~~consisting of~~ comprising a nucleotide sequence encoding a protein with an amino acid sequence ~~comprising that of as set forth in~~ SEQ ID NO:2, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.

Claim 21. (Canceled).

Claim 22. (Canceled).

Claim 23. (Currently Amended) An isolated polynucleotide ~~consisting of~~ comprising a nucleotide sequence that is at least 90% identical to that of SEQ ID NO:1 encoding a protein with an amino acid sequence of SEQ ID NO:2 and wherein said protein has phosphofructokinase enzymatic activity.

Claim 24. (Currently Amended) An isolated polynucleotide ~~consisting of~~ comprising a nucleotide sequence that is at least 95% identical to that of SEQ ID NO:1 encoding a protein with an amino acid sequence of SEQ ID NO:2 and wherein said protein has phosphofructokinase enzymatic activity.

Claim 25. (Currently Amended) An isolated polynucleotide comprising the nucleotide sequence of nucleotides 143 - 1171 of SEQ ID NO:1, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.

Claim 26. (Previously Amended) An isolated polynucleotide comprising the nucleotide sequence of SEQ ID NO:1, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.

Claim 27. (Currently Amended) A vector comprising the polynucleotide of any one of claims 20 or 22 23-26.

Claim 28. (Original) The vector of claim 27, wherein said vector is a plasmid.

Claim 29. (Original) A bacterial host cell transformed with the vector of claim 28.

Claim 30. (Original) The bacterial host cell of claim 29, wherein said bacterial host cell is of the species *Corynebacterium glutamicum*.